

Slate 100 system ...with **Fluent**

The Slate 100 is Broadcast Pix's lowest cost live integrated production system, but has all the Fluent workflow tools that help you create compelling content.

New Slate V8 Coming

Fluent is already the best workflow software in the industry, and the new Version 8 software will make it even better. V8 will be a free download.

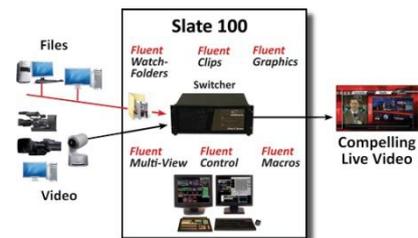
Great Switcher, with the best upgrade path

The Slate 100 starts with a great switcher, with the best upgrade path in the industry. It has 4 to 8 live inputs, in HD, SD, analog or hybrid, which are combined with 1 to 2 channels of clips and 5 channels of graphics. Three to six keys each include a DVE. There are many ways to control it. You can use a mouse on the multi-view or SoftPanel, a touch-screen, or the affordable Slate 100 optional control panel. The Slate 100 can grow as your needs grow, from SD to HD, or add the 1 M/E panel to make it a Slate 1000, add more I/O, grow to 2M/E, and even to 3Gb/s 1080p.



With Fluent, the ultimate live production workflow software

Only Slate switchers include Fluent workflow software, which turns the switcher into a powerful integrated production system. The Slate 100 has an up to 200 hour Fluent clip store with audio, 5 channels of Fluent graphics and Harris Insciber CG. Its Fluent watch folders streamline the flow of clips and graphics from all over your studio. Its Fluent multi-view provides unprecedented feedback including sources, tally, keys, clips, graphics, file names, counters and clocks. Its Fluent Macros combine switcher moves and specific file recalls. Plus, device control options control cameras, audio mixers and servers.



Cost-Effective

Save big on equipment as Slate 100 systems cost about the same comparable switchers than only switch, without any Fluent workflow tools. Utilize staff more efficiently as even solo operators can create compelling video. Or expand to team use.



Join leading studios in over 70 countries that create live video on Broadcast Pix, including broadcast stations, Internet broadcasts, production trucks, stadiums, staging, corporations, universities, houses of worship and government studios. Enjoy thoughtful and knowledgeable Broadcast Pix technical support. [More on support](#)

Slate 100 Features

Switcher Features Included

- **Easy, Intuitive Control** - You can choose any of 5 easy ways to control the Slate 100, or different operators can use different ones depending on their personal preference.

The most intuitive is to control it from the multi-view. All of the cameras, clips and graphics are displayed. Just click on a camera to bring it to preview, and then click on preview to bring it to air. To add a graphic, just click on a keyer. To change a graphic, just open the PixPad for the graphic or clip store you want, and click on the graphic. It is so intuitive and easy to learn, that a novice can be creating compelling control in minutes. [More](#)

You can test drive the Slate 100's multi-view control in a fun, interactive web demo, by clicking [here](#).

For a tactile feel, add a touch-screen monitor. Now rather than click on the multi-view, you can just touch it with your finger.

Or use the keyboard, on which there are keyboard shortcuts for all switcher operations. In addition to the standard keyboard, you can also order an option custom keyboard.

Or open a SoftPanel on the GUI, and control it with a mouse. The SoftPanel has the exact same operation and layout as the Broadcast Pix 1 M/E control panel, so switcher operators will feel at home.

Finally, you can order the optional Slate 100 control panel, if you prefer a cost-effective physical control panel.



[Multi-View close-up](#)



Use a touch-screen



[SoftPanel](#)



[Optional Slate 100 Panel](#)

And in the future, you can always upgrade to a Slate 1000, by simply adding its innovative 1 M/E control panel. [More](#)

- **Keyers and DVEs** – Three keyers are standard with pristine key edges, and 3 more are optional. Each key has a DVE for up to 3 picture in pictures. The DVEs can be squeezed, flown in, and have borders. Enjoy the exceptional chromakey for green and blue wall sets, as well as luma key support. The chromakeyer gives you control over key softness and spill suppression.



Many powerful keys

- **Inputs** - There are 4 live inputs for cameras and other external sources, with 4 more optional. Each set of 4 can be , HD/SD SDI, SD SDI, or Analog. And you do not need nearly as many inputs as conventional switchers, as the clip store, still stores, and CG are integrated inside and do not consume inputs.

- **True Multi-Definition** - Unlike nearly every other 1 M/E switcher, Slate HD switchers have true multi-definition support, which enables simultaneous mixing of 1080i, 720p and SD. Each input can be set to whatever format you want. For example, input 1 and 2 can be 1080i, input 3 can be 720p and input 4 can be standard definition. Some can be DVI when that option is fitted. On hybrid digital/analog system, input 5 and 6 might be set to analog component, input 7 to analog S (Y/C) and input 8 to analog composite.



True Multi-Def

- **Outputs** – The Slate 100 has 4 outputs and another is optional. 1 matches the format of the inputs, 2 are SD SDI and 1 is analog component, S or composite. The fifth output matches the format of optional inputs 5 through 8.

- **AutoAspect** - Slate features simultaneous I/O of 16:9 and 4:3, without stretching content. For example, when creating in 16:9, you can bring in 4:3 cameras and add side pillars to them, rather than stretching their video and make everyone on those cameras look too wide. HD models can also simultaneously output both 16:9 and 4:3 versions of the same program. [More](#)



[Output 16:9 and 4:3](#)

- **Non-Stop** - Slate 100 provides non-stop on-air reliability. Its switching and layering “heavy lifting” is done on Broadcast Pix Slate hardware boards, inside the Broadcast Pix workstation, so as not to burden the system. If the workstation should ever stop, or even be unplugged, a camera still stays on-air. And unlike conventional switchers, every Slate 100 system has a redundant control panel in software. And you can order redundant power supplies.



Slate Hardware Boards

Fluent Features Included

- **Fluent Clip Store** - Holds up to 50 hours of HD or SD clips, and expandable to 200 hours. Formats include HD ProRes or H.264, and SD DV, DVCPRO or H.264. Clips can have audio, and audio is output from the system with analog stereo XLR cables. The clips can be selected from the control panel, and show on the multi-view. Clips can be set to auto-start on transition, so no more careful cuing. Clips can have a key channel. The clip store can also hold animations that it creates from a sequence of Targa files created on a wide variety of systems or on the internal CG. Clips can have a key channel. Or record uncompressed clips into the clip store to play out during a production. [More](#)

- **Fluent Graphics** - Holds thousands of Stills in 5 channels of graphic stores, each with video and key. Accepts HD and SD .tga, .jpg, .png and .bmp files. Also includes an integrated Harris Inscribe CG (Character Generator) which creates stunning broadcast quality titles. You can also create graphic elements in Photoshop and bring them into the CG to add titles, or export complete graphics directly into a graphics store. CG titles can also be edited live on air. Like the clip store, the graphics stores have extensive controls built-into the panel and feedback on the multi-view. [More](#)

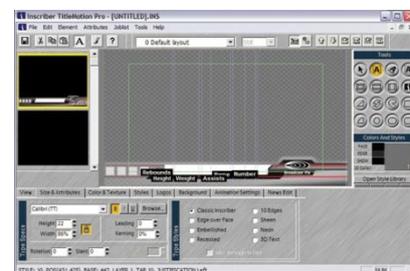
- **Fluent Watch-folders** – Unlike conventional switchers that take only video inputs, Slate systems can input video and files. This greatly streamlines live production workflow, by enabling clips and graphics to be sent over a network from your favorite editing or graphics systems. For example, you might have one Watch-Folder for the 6 o'clock news program, and one for the 9 o'clock. Editors simply send the content over a network into the correct Watch-Folder and it is automatically added to that show, even late breaking news that comes in during a news cast. [More](#)

- **Fluent Multi-View** – Like conventional Multi-Views, Slate displays windows for program, preview and sources, with tally. But Fluent Multi-View provides workflow tools that are way beyond conventional multi-Views, to provide you with unprecedented feedback. [More](#)

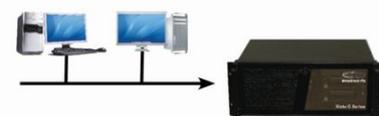
File-based workflow tools feature: libraries of clips and graphics, with thumbnails, file-names and properties like whether clips are set to auto-start or loop. Clip counters show clip time-code and progress bars. Status of incoming files coming into Fluent watch-folders is shown as well.



[Fluent Clips PixPad](#)
[close-up](#)



[Inscribe CG](#)
[close-up](#)



[Fluent Watch-Folders](#)
[Detail](#)



[Fluent Multi-View](#)
[close-up](#)

Other unique features to enhance workflow. Only a Fluent Multi-View shows Key source windows, and they also list attributes such as whether a DVE, crop or reposition is applied to the key. There safe zones displayed on preview and program. And you can customize a layout, by resizing and aligning each window. Dual monitor support is standard using DVI connectors and including VGA adapters. You can have independent multi-view layouts on each monitor. And you can increase to four monitors with an option.



Key Windows Show key fill and attributes

● **Fluent Macros** – Slate is the only switcher that recalls a sequence of switcher moves and specific clip and graphic files. You can even include camera positions in a Macro as well. For example, with one press you can select a camera on preview, change its preset position, bring it to air, fade on its specific title from the CG store, and fade off the title. Or use a macro to create an animated transition using your logo, and add even add sound effects. The intuitive GUI makes it easy to create, edit and play macros. Or you can execute Macros directly from the control panel. [More](#)



Fluent Macros close-up

● **Fluent SoftPanels** – Why Slate is the ultimate “one-man band”, it gracefully expands to team use for more demanding live production where you might want a team. You can add graphics operator just by giving them the keyboard and mouse and a monitor, while the switcher operator uses the panel and another monitor. Or network in a PC on which you open a SoftPanel. Or download a free iPixPad from the Apple store and put it control Slate from an iPhone or iPod Touch, available now! [More](#)



SoftPanel & iPixPad

Options

Switcher Options

- Slate 100 Control Panel [More](#)
- Custom Keyboard
- Inputs 5 through 8, HD/SD-SDI, and adds 1 HD/SD output
- Inputs 5 through 8, SD-SDI, and adds 1 SD output
- Inputs 5 through 8, analog S, composite and YUV, + 1 analog output
- DVI & VGA I/O on HD models [More](#)



Optional Slate 100 Panel

- Key 4,5,6 – and adds support for an external video and key input
- PowerAux – add keys to the aux output
- Additional Advanced Keys – includes more chromakeys
- Tally Box
- Recovery system with back-up system drive and auto-back-up software
- Premium workstation: recovery system, redundant power and rack rails
- Upgrade to Slate 1000 by adding a 1 M/E control panel
- Upgrade to Slate 3000 for more I/O and redundancy
- Upgrade to Slate 5000 for a second M/E and larger panel
- Upgrade to 3Gb/s 1080p for pristine 1080p processing, and adds 1080p I/O, the emerging HD standard [More](#)



Fluent Options

- Fluent Clip Store Second channel of clip store
- Fluent Clip Store More clip storage (to 1 Terabyte)
- Fluent Clip Store More removable media drives in trays
- Fluent Graphics Another Harris Inscrubber CG license for a PC
- Fluent Graphics CG Connect, connects CG to a database
- Fluent Multi-View Increase number of monitors from 2 to 4
- Fluent SoftPanel Another 1 M/E SoftPanel
- Fluent 2 M/E SoftPanel For Slate 5000 power
- Fluent iPixPad Free iPhone or iPod Touch app



[3G 1080p Upgradeable](#)

Device Control Options

- Camera Control Panasonic [More](#)
- Camera Control Sony [More](#)
- Camera Control Hitachi [More](#)
- Audio Control Audio follow video [More](#)
- Server Control VDCP control for 360 system or

Harris Nexio

Service Options

- Extended warranty Additional year of parts and labor warranty
- Training On site training, purchased by day
- Commissioning One day of system commissioning

Specifications:

Video

- Internal video processing is pristine 10-bit digital
- Analog conversion is 10-bit
- Inputs can be synchronous and/or asynchronous sources
- NTSC or PAL switchable;
- 16:9 or 4:3 switchable, and AutoAspect to use both at once

Audio

- Audio for clip stores: embedded SMPTE 272M, plus break-out to XLRs for balanced analog stereo input and outputs

Dimensions

Slate 100 Panel

inches 13.75x9x2

centimeters 34.9x22.9x5.1

weight 3.2 lbs

Rack Mounted Workstation

4RU

inches 16.75x20x7

centimeters 43x51x18

Router

- 16x16 1RU

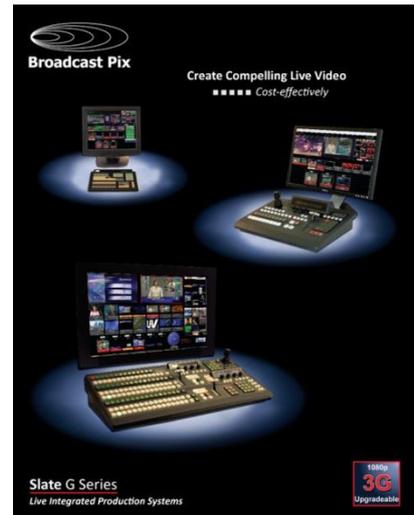
inches 17.375 x 1.625 x 5.25

weight 4.6 lbs

- 32x32 2RU

inches 17.5 x 3.375 x 5.25

weight 7.2 lbs



[Slate Family Brochure](#)